

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Serial No.: 10/730,233 Confirmation No.: 2522
Applicant: Ghorbel
Filed: December 8, 2003
Group Art Unit No. 3617
Examiner: McCarry, Robert
FOR: Autonomous Robotic Crawler For In-Pipe Inspection

INFORMATION DISCLOSURE STATEMENT

Mail Stop Amendment
Commissioner for Patents
P. O. Box 1450
Alexandria, Virginia 22313-1450

Our File Number: 1789-08603
Date: May 25, 2005

Sir:

This Information Disclosure Statement, including completed Form PTO-1449, comprises a list of pertinent art of which Applicants are aware.

The submission of this Information Disclosure Statement and the references submitted therewith is not an admission that the art cited is "prior" with respect to the present invention, nor is it a representation, that no better art exists. Applicants hereby reserve the right to swear behind or otherwise disprove any alleged "prior" nature of any art cited should the facts support and the situation warrant such an action. It is submitted that the art cited does not constitute a bar to the patentability of Applicants' invention under 35 U.S.C. § 102 or § 103.

Consideration of the following related application and additional information is requested:

U.S. patent application Serial No. 10/272,846, filed December 17, 2002 entitled Autonomous Robotic Crawler for In-Pipe Inspection.

Pursuant to 37 C.F.R. § 1.98 (d), copies of certain publications, or other information, as specified in 37 C.F.R. § 1.98 (a), listed in the attached Form PTO-1449 are not provided herewith, as they have been previously submitted to, or cited by, the Office in the above-

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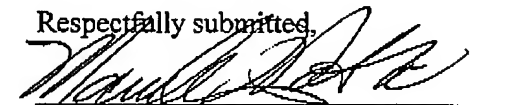
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mentioned earlier U.S. Patent Application(s). The Information Disclosure Statement filed in the earlier application(s) complies with 37 C.F.R. § 1.98 (a)-(c).

Respectfully submitted,



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ATTORNEY FOR APPLICANT

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PTO/SB/08A (08-03)
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Substitute for form 1449A/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Application Number	10/730,233
		Filing Date	December 8, 2003
		First Named Inventor	Fathi H. Ghorbel
		Group Art Unit	3617
		Examiner Name	R. J. McCarry Jr.
		Attorney Docket Number	1789-08603
Sheet	1	of	2

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
	AA*	US-3,890,905	06-24-1975	Clavin	
	AB*	US-4,055,315	10-25-1977	Cvelesiani et al.	
	AC*	US-5,571,977	11-05-1996	Kipp	
	AD*	US-4,363,137	01-13-1987	Lemelson	
	AE*	US-4,170,902	10-16-1979	Pallan	
	AF*	US-4,862,808	09-05-1989	Hedgcaxe et al.	
	AG*	US-5,392,715	02-28-1995	Pelrine	
	AH*	US-5,172,639	12-22-1992	Wiesman et al.	
	AI*	US-5,551,349	09-03-1996	Bodzin	
	AJ*	US-5,565,633	10-15-1996	Wernicke	
	AK*	US-5,749,397	05-12-1998	Molaug	
	AL*	US-5,773,984	06-30-1998	Suyama et al.	
	AM*	US-6,019,048	02-01-2000	Seeberger et al.	
	AN*	US-6,035,786	03-14-2000	McKay et al.	
	AO*	US-6,087,830	07-11-2000	Brandly et al.	
	AP*	US-6,107,795	08-22-2000	Smart	
	AQ*	US-6,123,027	09-26-2000	Suyama et al.	
	AR*	US-6,162,171	12-19-2000	Ng et al.	
	AS*	US-6,243,657	06-05-2001	Tuck et al.	
	AT*	US-6,427,602	08-06-2002	Hovis et al.	
	AU*	US-6,450,104	09-17-2002	Grant et al.	
	AV*	US-5,878,783	03-09-1999	Smart	
	AW	US-6,031,371	02-29-2000	Smart	
	AX*	US-4,603,720	08-05-1986	Jacoby	
	AY*	US-4,000,655	01-04-1977	Jones	
	AZ*	US-4,677,865	07-07-1987	Lehmann	
	BA*	US-4,537,136	08-27-1985	Douglas	

* CITED IN PARENT CASE

*EXAMINER: Initial reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional). 2 See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard St.16 if possible. 6 Applicant is to place a check mark here if English language translation is attached.

The collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete including gathering, preparing and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P. O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORM TO THIS ADDRESS. Send To Commissioner For Patents, P. O. Box 1450, Alexandria, VA 22313-1450.

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		Attorney Docket Number	1789-08603
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		Country Code ¹ Number + Kind Code ⁵ (if known)				
	BB*	WO00/63606	10-26-2000			

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	EC*	Supplementary European Search Report for EPO Serial No. EP028017967 dated September 15, 2004 (3 p.)	
	ED*	Kumar et al.; <i>Robotic Corrosion Inspection Crawler</i> ; Material Performance, Vo. 30, No. 4, pp. 29-32, 1991	
	EE*	PCT International Search Report for PCT Application No. PCT/US02/33169 dated March 6, 2003 (4 p.)	

Examiner Signature		Date Considered	
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*EXAMINER: Initial reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional). 2 See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard St.16 if possible. 6 Applicant is to place a check mark here if English language translation is attached.

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